

DR. A. AYYASAMY

Name : Dr. A. Ayyasamy
Date of Birth & Age : 05.02.1962 & 55 years
Designation : Associate Professor & Head
Official Address : Head of the Department of Chemistry,
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Area of Specialization : 1. Organic Chemistry
2. Environmental Chemistry
3. Analytical Chemistry
4. Dye Chemistry
Educational Qualification : M.Sc., M.Phil., P.G.D.C.A., Ph.D.

Course	Major subjects	College/University/Institution	Year of Passing
B.Sc.	Chemistry	Gobi Arts College/Madras University	1983
M.Sc.	Chemistry	SRMV Arts College/Bharathiar University	1985
M.Phil.	Organic Chemistry	Bharathiar University, Coimbatore	1986
Ph.D.	Environmental Chemistry	Bharathiar University, Coimbatore	2017

Teaching Experience : 31 Years
Research Experience : 15 years
Research Guidance : M.Phil.&Ph.D
Completed: M.Phil -10
Ongoing: M.Phil- 2, Ph.D-2.

Membership in Board of Studies:

- Member of Board of Studies for PG department of Chemistry, Bharathiar University during the period 2013 to 2015.
- Presently as Chairperson of Board of Studies, for PG department of Chemistry, Bharathiar University from 2016 to 2017.
- As Subject Expert for Staff Selection Committee in Sri Sarada College for Women, Salem on 21st October 2017.
- As External Member of Board of Studies in chemistry for UG, Department of Chemistry, Erode Arts and Science College, Erode, during the period 2017 to 2019.

Refresher Course / Orientation Course attended:

- Participated in UGC sponsored 43rd Orientation course held at Academic Staff College, Bharathiar University from 16.03.2001 to 12.04.2001.
- Attended UGC sponsored Refresher Course in Environmental Science (Interdisciplinary) held from 21.10.2003 to 10.11.2003 at Academic Staff College, Bharathiar University.
- Participated in UGC sponsored Refresher Course in Physical Science (Interdisciplinary) on “ **Recent Advances in Physical Science**” during the period 6.09.2006 to 26.09.2006 at Academic Staff College, Bharathiar University.
- Attended the UGC sponsored Refresher Course in Chemistry held during the period 20.01.2010 to 09.02.2010 at Academic Staff College, Bharathiar University.

Seminars, Conferences, Workshops, Guest Lectures etc. organized:

- Organized Guest Lecture on “**INTRODUCTION TO METALLIC NANOPARTICLES AND THEIR APPLICATIONS**” and Career Guidance on “Choosing and Succeeding Career Path in Chemistry” delivered by Dr. Sureshkumar Manthiriyappan, Assistant Professor, Department of Chemistry, University of Suwan, South Korea, held on 8.02.2019 at Vivekanandar Arangam.
- Organized Guest Lecture on “ **CHEMISTRY AND ENERGY STORAGE OPTIONS IN INDIA**” delivered by Dr. N. Sugumaran, International Battery consultant, Coimbatore-31” held on 17th July 2018 at Prof. M. Alkondan Hall.
- Organized two days Science Academies Lecture Workshop on “**Recents Trends in Chemistry**” during January 11-12, 2018.

- Organized Two days workshop on “**An Introductory Workshop on Intellectual Property Rights (IPR) and its Applications**” by Dr. T. Pavan Kumar, Manager (IP & TT), National Research Development Corporation (NRDC), New Delhi held during 14th December 2017 to 15th December 2017.
- Organized Guest Lecture for UG students of department of chemistry, on “**Development of Gold Compounds as Targeted Drugs for Cancer Therapy**” by Dr. Kuppuswamy Arumugam, Department of Chemistry, Wright State University, Dayton (USA), OH, 45435 during 19th July 2017.
- Organized one day workshop on “**Hands on Training in UV-visible spectrophotometer**” held during 24th February 2017 in NGM College.
- Organized Guest Lecture for UG and PG students of department of chemistry, on “**Chemistry in Day- to-day life**” on 7th October 2016.

Research Publications in Journals:

- A convenient synthesis of 1H-Pyrrolo[2,3-b]Quinolines (1989) Indian Journal of Chemistry, Vol. 28 B, Pg no. 270-271.
- A.Ayyasamy and M. Sekar, Equilibrium and Kinetic Adsorption Studies of Malachite Green from aqueous solutions using Activated Cocos nucifera (2016), Vol.3, Pg no. 176-179.
- A.Ayyasamy and N.Anbuselvi, Removal of Malachite Green dye from aqueous solution using the acid activated Senna *cassia* (2017), International Journal In Applied Studies and Production Management, Vol. 3, Issue 4, Pg no.172-188.
- A.Ayyasamy and S.Poongodi, Adsorptive Removal of Crystal Violet Dye from Aqueous solution using Activated Carbon prepared from seeds of Magnolia *Champaca* (2017), International Journal In Applied Studies and Production Management, Vol. 3, Issue 4, Pg no. 157-171.

Seminars, Conferences, Workshops etc. Attended/ Papers presented:

- Participated and presented a paper on “**Pollution Control and Environmental Degradation**” in the national level conference, **ENVIRON 2001**, on “**Control of Industrial Pollution and Environmental Degradation**” Organised by the Department of Civil Engineering, PSG College of Technology, Coimbatore during September 14-15, 2001.

- Attended two day workshop on “**Computer Applications in Chemistry**” conducted by CECRI and organized by Department of Chemistry, P.S.G. R. Krishnammal College for Women, Coimbatore on 4th & 5th of October 2001.
- Participated and presented a paper entitled “**THE CARRYING CAPACITY OF COIMBATORE CITY**” in the International Conference on “*Integrating World Markets- Living Excellence through Technology & Beyond...*” conducted by School of Management Studies, Motilal Nehru Regional Engineering College, Allahabad-211004.
- Attended and presented a paper titled “**ECOLOGICAL FOOTPRINT OF COIMBATORE CITY**” in the National Conference on Pollution Control and Industrial Ecology, *ENVIRONICS 2002*, Organized by Department of Civil Engineering, Thiagarajar College of Engineering, Madurai during February 27-28, 2002.
- Attended one day seminar on “**ISO14001-Environmental Management Systems (ISO-14001-EMS)**”, Organised by Industry Institute Partnership Cell (IIPC) in association with Department of Chemistry, PSG College of Technology, Coimbatore on December 28, 2002.
- Participated in one day seminar on “**National Knowledge Commission Report and its Implication**” organized by the Tamil University, Thanjavur on 21.09.2007.
- Attended district seminar on “**Value Based Education**” held at Dr. Mahalingam college of Engineering and Technology on 23rd October 2005 and organized by Rotary Club of Pollachi under the aegis of RI District 3200.
- Participated in the workshop on “**LATEX-The Document Preparation System**” held on 25th October 2005 at NGM College, Pollachi organized by departments of Mathematics and Physics.
- Participated in the two day state level Bioinformatics Workshop: “**Crystal Structure Determination of Small Molecules using X-Ray Crystallography**” held on 27th and 28th January 2006, organized by the Department of Biochemistry & Bioinformatics, Sri Ramakrishna College of Arts and Science for Women, Coimbatore.
- Participated in UGC Sponsored National Seminar on “**Perspectives of Indian Tourism Industry**” held at NGM College, Pollachi during 24th to 25th January 2007.
- Participated in UGC sponsored one day state level workshop cum hands on training on “**VERMITECH**” held on 14th August organized by the Department of Zoology, NGM College, Pollachi.
- Attended and presented a paper titled “ **Equilibrium and kinetic Adsorption of Malachite Green from Aqueous Solutions using activated *Cecropia obtusifolia***” in

two day National level conference on “**Recent Trends in Medicinal Chemistry**” held during 19th & 20th February 2015 organized by PG and Research Department of Chemistry, Government Arts College (Autonomous) Coimbatore-18.

- Participated and oral presented a paper entitled “**Equilibrium and Kinetic adsorption studies of Malachite green from aqueous solutions using activated Cocos nucifera**” at the 1st International Conference on “**Energy, Environment and Engineering**” ICEEE-2016, during 29th February to 2nd March 2016 at Coimbatore Institute of Technology, Coimbatore.
- Attended XXIX Statutory Conference and National Seminar on “Reforms in Higher Education: Challenges & Opportunities” organized by the Savitribai Phule Pune University and College Teachers Organisation (SPPUCTO) & AIFUCTO held during 18th to 20th December 2017 at Shirdi (Maharashtra).
- Served as **Co-Chair person** in the UGC & DST-CURIE sponsored one-day National Seminar on “Recent Innovations in Science and Technology” (RIST 2018), organized by the Department of Chemistry, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, in commemoration of Diamond Jubilee Celebrations on 23rd February, 2018.
- Participated in one day national level workshop on “**Sustainable Agriculture**” organized by the department of Zoology on 3rd October 2018 at NGM College, Pollachi.
- As Resource Person in the one day Workshop on “OBE in Chemistry” conducted by Department of Chemistry, Gobi Arts & Science College, Gobichettipalayam on 9.02.2019.